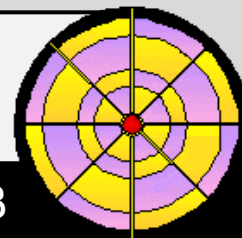


The Daily Rigour

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Your free weekly numeracy newspaper!

Delta boss says climate change means flying will cost more

The boss of the world's second biggest airline has said that tackling climate change will make flying more expensive.

Aviation is currently responsible for about 2-5% of the carbon emissions that are warming the planet, according to the International Energy Agency.

Express aviation as a fraction of the total carbon emissions that are warming our planet.

Give your answer in its simplest form.



Japan train driver sues over docked wages

A Japanese train driver is suing his employer after he was docked 56 yen in wages for causing a brief delay to the country's famously punctual rail system.



Exchange rate:



£1 = 152.88 Yen

(a) How much money did the train driver have docked from his wages in pounds and pence?

But did you know that train timetables in Japan are displayed using Stem and Leaf diagrams?

(b) What time is the earliest train on the Minatomirai line in 24 hour time?

(c) What time is the latest train on the Minatomirai line in 24 hour time?

みなとみらい線標準時刻表	
Train Departures of Minatomirai Line	
平日 Weekdays	時刻表の見方
5 10 17 29 39 47 54	00 ー 特急
6 1 7 13 16 22 26 32 36 41 48 54 55 59	00 ー 通勤特急
7 1 4 9 10 13 17 20 22 25 28 31 34 37 40 44 46 50 53 57 59	00 ー 急行
8 2 5 9 11 14 17 21 24 27 31 35 38 41 44 47 51 54 58	00 ー 各駅停車
9 2 6 10 14 17 21 24 28 31 35 38 41 44 47 51 54 58	
10 3 7 11 16 20 23 30 35 39 41 45 50 54 58	
11 0 4 9 11 15 19 24 28 30 34 39 41 45 49 54 58	
12 0 4 9 11 15 19 24 28 30 34 39 41 45 49 54 58	
13 0 4 9 11 15 19 24 28 30 34 39 41 45 49 54 58	
14 0 4 9 11 15 19 24 28 30 34 39 41 45 49 54 58	
15 0 4 9 11 15 19 24 28 30 34 39 41 45 49 54 58	
16 0 4 9 11 15 19 24 28 30 32 36 39 41 45 47 50 54 57	
17 1 5 9 13 16 20 24 28 32 36 40 44 46 50 56 57	
18 1 4 9 12 16 19 23 27 31 34 38 42 46 49 56 58	
19 1 4 9 13 16 20 24 28 31 35 38 43 46 50 56 58	
20 1 5 9 12 16 20 24 27 31 34 38 42 46 49 56 57	
21 1 5 8 14 17 21 25 29 32 38 42 46 51 55 59	
22 2 7 11 15 19 23 27 31 37 42 47 51 56 59	
23 3 9 14 18 22 26 30 34 40 45 56	
0 4 9 12 16 21 30 34 48	

Abba's Voyage beats Ed Sheeran as fastest-selling album in years

Abba's new album Voyage has become the fastest selling album in the UK in four years - pushing chart heavyweight Ed Sheeran's latest record = (Equals) into second place.



The Swedish pop icons have sold an incredible 181 710 copies of the album in just six days.

On average, how many albums have ABBA sold per day? Give your answer in WORDS.

Mathematically satisfying 2. Bundesliga table

The German second division league table finished up for the international break in an incredibly mathematically satisfying manner.

(a) Can you work out the missing points tallies using your knowledge of prime numbers and times tables?

SPORT			Points
1	-	FC St. Pauli	26
2	-	SSV Jahn Regensburg	5 ²
3	▲	SC Paderborn 07	2 × 12
4	▲	SV Darmstadt 98	Prime no.
5	▼	FC Schalke 04	22
6	▼	1. FC Nürnberg	3 × 7
7	-	Hamburger SV	4 × 5
8	▲	SV Werder Bremen	Prime no.
9	▼	1. FC Heidenheim 1846	2 × 9
10	▼	Karlsruher SC	17

(b) What do you notice about the points tallies for the top 10 teams in the German second division?